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(54) **BATTERY SYSTEM OF AN ELECTRIC VEHICLE**

(57) A method of operating an electric vehicle having a battery system with a first battery module and a second battery module includes sending a triggering signal. And,

in response to the triggering signal, selectively dissipating energy from the first battery module without dissipating energy from the second battery module.

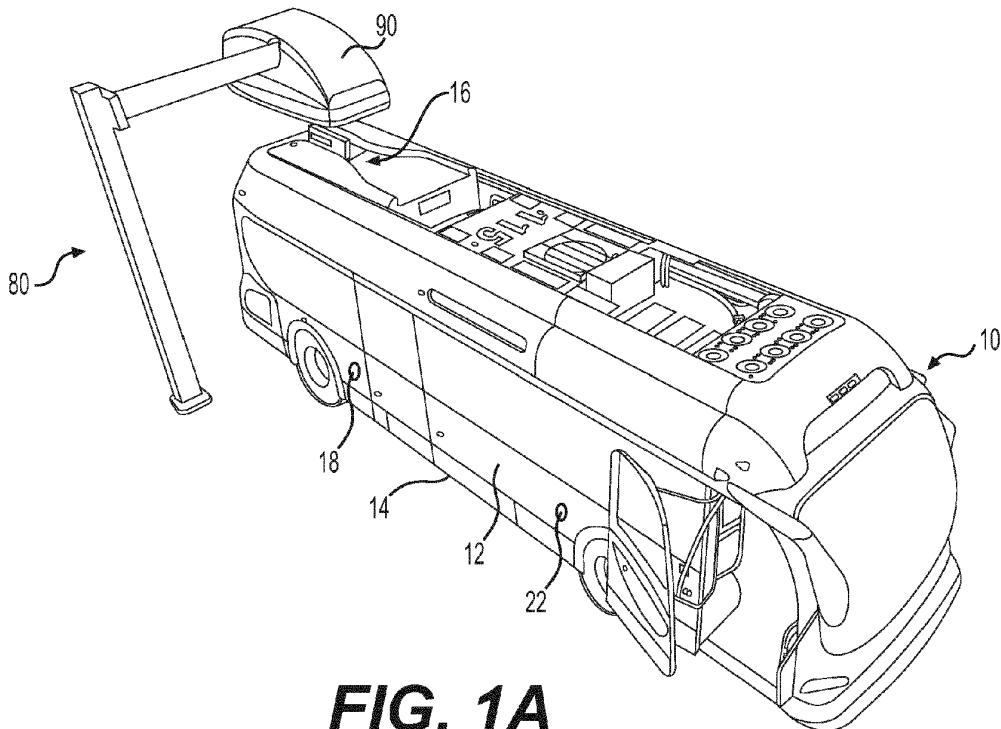


FIG. 1A

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2010/305792 A1 (WILK MICHAEL D [US] ET AL) 2 December 2010 (2010-12-02) * paragraphs [0048] - [0052]; figures 5-7 *	1,3-7	INV. B60L1/02 B60L3/00 B60L3/04 B60L11/18
A	US 6 040 561 A (MURTY BALARAMA VEMPATY [US]) 21 March 2000 (2000-03-21) * columns 7,8; figure 6 * -----	3,4	H01M10/615 H01M10/48 H01M10/625 H01M10/44 H01M2/34 H01M10/657 H01M2/10 H01M10/637 H01M10/42
			TECHNICAL FIELDS SEARCHED (IPC)
			B60L H01M
-The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 March 2018	Examiner Schury, Dominik
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03/02 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

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Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

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No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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see sheet B

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All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

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As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

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Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

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None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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1, 3-7

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The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

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1. claims: 1, 3-7

Group 1: The independent claim 1 and the dependent claims 2 - 8 describe a method for operating a battery system by detecting and sending a fault signal and dissipating energy from a non-faulty module.

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2. claims: 2, 8-15

Groupe 2: The independent claim 9 and the dependent claims 10 - 15 describe an electric vehicle including an electric motor and a battery system which comprises a heater for the battery cells.

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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12-03-2018

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2010305792 A1	02-12-2010	US 2010305792 A1 WO 2010138744 A2	02-12-2010 02-12-2010
US 6040561 A	21-03-2000	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82